

SEQUENCE LISTING

<110> Walko, D. Wade
 Wilganowski, Nathaniel
 Turner, C. Alexander Jr.
 Friedrich, Glenn
 Abuin, Alejandro
 Zambrowicz, Brian
 Sands, Arthur T.

<120> Novel Human Membrane Protein and
 Polynucleotides Encoding the Same

<130> LEX-0115-USA

<150> US 60/175,764
 <151> 2000-01-12

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1
 <211> 942
 <212> DNA
 <213> Homo Sapien

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 ccttggctgg agtttccact ctttgggtt ttccatgtt gaccatctt 120
 ggaatctga ccattattctt agtgcacgc ctggacacca aacttcatac ccceatgtat 180
 ttttttttttt ccaatcttac actcctgtat ctttggtaaca ccacatgtac agtccccaa 240
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 cttttccat ttctggcctt gggggctact gaataatctt tcttggccgt catgtccctt 360
 gatagggtt tagctattttt tcggcccttc cattactcag ttatcatgc ccagagactc 420
 tgcccttcagg tggcagccgc atcctgggtt actgggttta gtaactcgt tggtgtgtt 480
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 gtccctgcac tgctcaagt atcttgggtt gagacaacag caaatgggc tgaactattc 600
 ctgttcagg agcttttccca tctaataccc ctgacactca tccttataat atatgtttt 660
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 tggtgttccc atctaaatgtt gggttctt tttatagta cagccgttc tgcgtacctg 780
 caaccaccc tggccagctc caaggaccaa ggaaagatgg ttctcttctt ctatggaaatc 840
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<210> 2
 <211> 313
 <212> PRT
 <213> Homo Sapien

<400> 2
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 1 5 10 15
 Phe Ser Asp Arg Pro Trp Leu Glu Phe Pro Leu Leu Val Val Phe Leu
 20 25 30

Ile Ser Tyr Thr Val Thr Ile Phe Gly Asn Leu Thr Ile Ile Leu Val
 35 40 45
 Ser Arg Leu Asp Thr Lys Leu His Thr Pro Met Tyr Phe Phe Leu Thr
 50 55 60
 Asn Leu Ser Leu Leu Asp Leu Cys Tyr Thr Thr Cys Thr Val Pro Gln
 65 70 75 80
 Met Leu Val Asn Leu Cys Ser Ile Arg Lys Val Ile Ser Tyr Arg Gly
 85 90 95
 Cys Val Ala Gln Leu Phe Ile Phe Leu Ala Leu Gly Ala Thr Glu Tyr
 100 105 110
 Leu Leu Ala Val Met Ser Phe Asp Arg Phe Val Ala Ile Cys Arg
 115 120 125
 Pro Leu His Tyr Ser Val Ile Met His Gln Arg Leu Cys Leu Gln Leu
 130 135 140
 Ala Ala Ala Ser Trp Val Thr Gly Phe Ser Asn Ser Val Trp Leu Ser
 145 150 155 160
 Thr Leu Thr Leu Gln Leu Pro Leu Cys Asp Pro Tyr Val Ile Asp His
 165 170 175
 Phe Leu Cys Glu Val Pro Ala Leu Leu Lys Leu Ser Cys Val Glu Thr
 180 185 190
 Thr Ala Asn Glu Ala Glu Leu Phe Leu Val Ser Glu Leu Phe His Leu
 195 200 205
 Ile Pro Leu Thr Leu Ile Leu Ile Ser Tyr Ala Phe Ile Val Arg Ala
 210 215 220
 Val Leu Arg Ile Gln Ser Ala Glu Gly Arg Gln Lys Ala Phe Gly Thr
 225 230 235 240
 Cys Gly Ser His Leu Ile Val Val Ser Leu Phe Tyr Ser Thr Ala Val
 245 250 255
 Ser Val Tyr Leu Gln Pro Pro Ser Pro Ser Ser Lys Asp Gln Gly Lys
 260 265 270
 Met Val Ser Leu Phe Tyr Gly Ile Ile Ala Pro Met Leu Asn Pro Leu
 275 280 285
 Ile Tyr Thr Leu Arg Asn Lys Glu Val Lys Glu Gly Phe Lys Arg Leu
 290 295 300
 Val Ala Arg Val Phe Leu Ile Lys Lys
 305 310

<210> 3
 <211> 1488
 <212> DNA
 <213> Homo Sapien

<220>
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 <223> n = A,T,C or G

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 gaaatagttt acaaataatgtt gttattgtac ttcttgcattt tttctgtttc agggaaaccaa 180
 gagtttgcattt attaatctgtt aatttgggttca atgacacgtt catacaggag ttatattctgc 240
 ttgggtttctc agatcgcactt tggtctggat ttccactctt tttgttcttc ttgattttctt 300
 acactgtgac catctttggc aatctgacca ttattctgtt gtcacgcctt gacacccaaac 360
 ttccataccctt catgtatttt ttcttacca atctatctt cttggatctt ttgttacacca 420
 catgtacagt cccacaaaatg ctatgtttttt tttttttttt tttttttttt tttttttttt 480

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| gtggctgtgt | agcccagctt | ttcatatttc | tgcccttggg | ggctactgaa | tatcttctcc | 540 |
| tggccgtcat | gtcccttggat | aggttttagt | ctatttgtcg | gcctctccat | tactcagtt | 600 |
| tcatgcacca | gagactctgc | ctccagttgg | cagccgcac | ctgggttact | gttttttagt | 660 |
| actcagtgtg | gttgttctacc | ctgactctcc | agctgcccact | ctgtgacccc | tatgtatag | 720 |
| atcaactttct | ctgtgaatgc | ctgtcaactgc | tcaagtttatc | ttgtgttgag | acaacagcaa | 780 |
| atgaggctgt | actatttcctt | gtcaagtgc | tcttccatct | aataccctcg | acactcatcc | 840 |
| ttatatacata | tgctttttat | gtccgagcag | tattgaggat | acagtctgt | gaaggtcgac | 900 |
| aaaaagcatt | tgggacatgt | gtttoccatc | taatttgggt | gtctcttttt | tatagtacag | 960 |
| ccgtctctgt | gtacactgca | ccacccctcgc | ccagctccaa | ggaccaagga | aaatggttt | 1020 |
| ctctcttctta | tgaatcatt | gcacccatgc | tgaatcccct | tatataataca | cttaggaaca | 1080 |
| aggaggtaaa | ggaaggcttt | aaaagggttg | ttgcaagagt | cttcttaatc | aaagaaataag | 1140 |
| aaatatgca | atgataaagct | ttgtctaaaga | caaaatgttt | acttagctta | ctaacttctc | 1200 |
| tgtaaatgtc | cctatTTTt | ttgttactgt | agagaacaaat | gtaaaactccc | tcaataaaaa | 1260 |
| tttcttctgt | gaagagctat | atttacttct | tttgccctta | tttttcatt | gaacaagccc | 1320 |
| ccagaatttg | ccttccaaat | caccaaaaat | tgtatcaca | acatcttcaa | gttttgtcaa | 1380 |
| acatccatc | aatgtttgt | caattcaatg | taaatttagat | ccgtagaaaa | gccagaagtt | 1440 |
| ctttctccaa | tatcacacac | acacacacac | acacacacac | acacacacac | | 1488 |